

Title (en)

SURGICAL SYSTEM, IN PARTICULAR DENTAL SURGICAL SYSTEM

Title (de)

CHIRURGISCHES SYSTEM, INSBESONDERE EIN ZAHNÄRZTLICHES CHIRURGISCHES SYSTEM

Title (fr)

SYSTÈME CHIRURGICAL, NOTAMMENT DENTAIRE

Publication

EP 2858589 B1 20160406 (FR)

Application

EP 13727196 A 20130606

Priority

- CH 8142012 A 20120611
- EP 2013061740 W 20130606

Abstract (en)

[origin: WO2013186123A1] Surgical system, in particular dental surgical system, comprising:- a surgical instrument, in particular a dental surgical instrument, comprising a tool - a device for controlling the instrument comprising a first electronic module (10) the instrument comprising a rotary motor (M) for driving the tool and a second electronic module (20). The rotary motor (M) of the instrument is powered electrically by the first electronic module (10) of the control device through first electrical conductors (L1, L2, L3) dedicated to the power supply for the rotary motor (M). The instrument is powered and/or controlled electrically by the first electronic module (10) of the control device through second electrical conductors (C1, C2) distinct from the first electrical conductors (L1, L2, L3). The system also comprises a module (13) for managing the second electrical conductors (C1, C2) so as to send to the second electrical conductors (C1, C2) a greater number of signals than the number of second electrical conductors (C1, C2).

IPC 8 full level

A61C 1/06 (2006.01); **A61B 17/16** (2006.01); **A61C 1/00** (2006.01)

CPC (source: EP US)

A61B 17/1626 (2013.01 - EP US); **A61C 1/0015** (2013.01 - US); **A61C 1/003** (2013.01 - EP US); **A61C 1/06** (2013.01 - EP US); **A61C 1/088** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

CH 706607 A1 20131213; EP 2858589 A1 20150415; EP 2858589 B1 20160406; JP 2015519158 A 20150709; JP 5844947 B2 20160120; US 2015125815 A1 20150507; US 9510916 B2 20161206; WO 2013186123 A1 20131219

DOCDB simple family (application)

CH 8142012 A 20120611; EP 13727196 A 20130606; EP 2013061740 W 20130606; JP 2015516564 A 20130606; US 201314406887 A 20130606